A8912-2

SEG news release

Society of Exploration Geophysicists

FOR IMMEDIATE RELEASE November 11, 1985

Contact: David L. Yowell
or Sally Shank
(918) 493-3516

INTERNATIONAL SEISMIC CREW COUNT

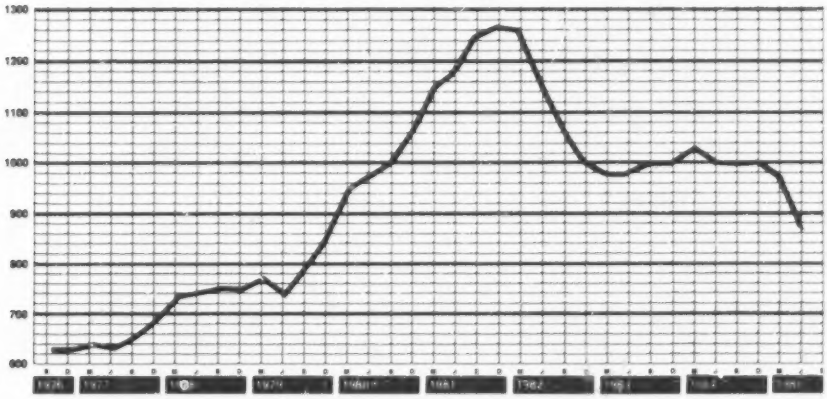
WORLDWIDE SEISMIC OIL AND GAS EXPLORATION CREW AND VESSEL TOTAL SHOWS SIGNIFICANT DECREASE DURING THE SECOND QUARTER OF 1985

Seismic exploration for oil and gas decreased by one hundred and five crews during the second quarter (June) of 1985, with a total of 862 seismic land crews and marine vessels active. The number of land crews decreased by 123 from the March land crew total of 870, and the marine crew total increased by eighteen from the first quarter total of 97 for a net decrease of 105 crews from the March total of 967 crews and vessels active. Gains were reported in Europe and the Middle East while activity in Mexico remained stable.

The international survey reflects data reported on seismic oil exploration activity by 131 private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT

(The leading indicator of oil and gas exploration activity worldwide.)



INTERNATIONAL SEISMIC CREW COUNT, JUNE, 1985

Geographically, seismic exploration for oil and gas during June 1985 was reported as follows (first quarter, March 1985 figures are shown in parentheses):

	UNITED STATES			CANADA	
	Land	Marine		Land	Marine
70 Contractors:	294 (306)	40 (40)	32 Contractors:	63 (150)	5 (3)
10 Oil Companies:	30 (34)	6 (7)	2 Oil Companies:	3 (3)	0 (0)
1 Government:	0 (0)	1 (1)			
Totals:	324 (340)	47 (48)	Totals:	66 (153)	5 (3)

(OVER)

BEST COPY AVAILABLE

MEXICO

	Land	Marine
5 Contractors:	27*(27)*	0*(0)*
1 Government:	5*(5)*	0*(0)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	32*(32)*	0*(0)*

CENTRAL & SOUTH AMERICA

	Land	Marine
10 Contractors:	42 (46)	7 (7)
4 Governments:	23 (34)*	2 (2)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	65 (80)*	9 (9)*

EUROPE

	Land	Marine
14 Contractors:	59 (50)	40 (20)
2 Governments:	5 (2)	0 (0)
3 Oil Companies:	16 (16)*	0 (0)*
Totals:	80 (68)*	40 (20)*

MIDDLE EAST

	Land	Marine
8 Contractors:	34 (33)	2 (3)
3 Governments:	11 (2)*	0 (0)*
0 Oil Companies:	0 (6)	0 (0)
Totals:	45 (41)*	2 (3)*

AFRICA

	Land	Marine
6 Contractors:	44 (46)	5 (6)
1 Government:	1 (4)	0 (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	45 (50)	5 (6)

FAR EAST

	Land	Marine
12 Contractors:	62 (63)*	5 (7)*
3 Governments:	25*(43)	1*(1)
1 Oil Company:	3 (0)	1 (0)
Totals:	90*(106)*	7*(8)*

JUNE TOTALS:

	Land Crews	Marine Vessels
United States:	324 (340)	47 (48)
Canada:	66 (153)	5 (3)
Mexico:	32* (32)*	0* (0)*
Central & South America:	65 (80)*	9 (9)*
Europe:	80 (68)*	40 (20)*
Middle East:	45 (41)*	2 (3)*
Africa:	45 (50)	5 (6)
Far East:	90* (106)*	7* (8)*
Totals:	747* (870)*	115* (97)*
Total Crews and Vessels:	862* (967)*	

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed in part by a grant from the International Association of Geophysical Contractors.

BEST COPY AVAILABLE

2/21/86 A8912-2

SEG news release

Society of Exploration Geophysicists

FOR IMMEDIATE RELEASE

February 7, 1986

Contact: David L. Yowell or Sally Shank (918) 493-3516

INTERNATIONAL SEISMIC CREW COUNT

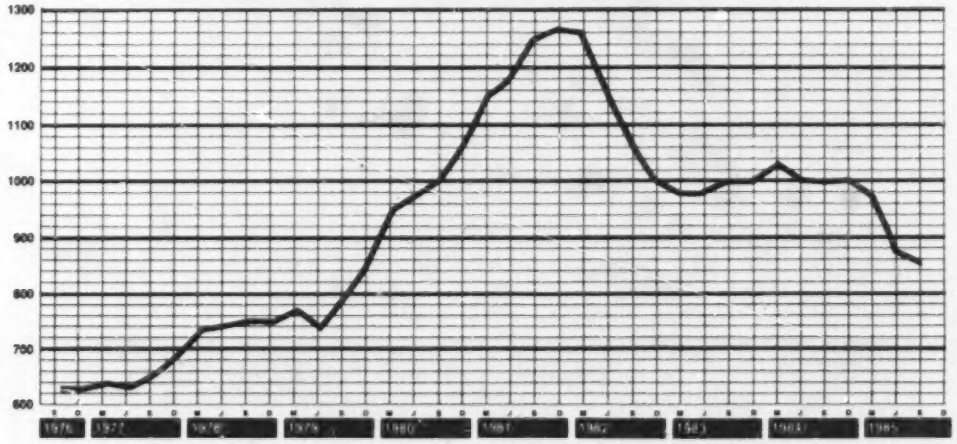
WORLDWIDE SEISMIC OIL AND GAS EXPLORATION CREW AND VESSEL TOTAL CONTINUES TO SHOW A DECREASE DURING THE THIRD QUARTER OF 1985

Seismic exploration for oil and gas decreased by only eleven crews during the third quarter (September) of 1985 with a total of 851 seismic land crews and marine vessels active. The number of land crews decreased by twenty-five from the June land crew total of 747, and the marine crew total increased by fourteen from the second quarter total of 115 for a net decrease of eleven crews from the June total of 862 crews and vessels active. Gains were reported in the United States, Mexico, Europe, and Africa. The significant decline in land crew activity in the Far East is seasonal and attributed to heavy rain in India.

The international survey reflects data reported on seismic oil exploration activity by 109 private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT

(The leading indicator of oil and gas exploration activity worldwide.)



INTERNATIONAL SEISMIC CREW COUNT, SEPTEMBER, 1985

Geographically, seismic exploration for oil and gas during September 1985 was reported as follows (second quarter, June 1985, figures are shown in parentheses):

	UNITED STATES			CANADA		
	Land		Marine	Land		Marine
68 Contractors:	290	(294)	43 (40)	46	(63)	5 (5)
9 Oil Companies:	33	(30)	6 (6)	3	(3)	0 (0)
1 Government:	0	(0)	0 (1)			
Totals:	323	(324)	49 (47)	49	(66)	5 (5)

(OVER)

BEST COPY AVAILABLE

MEXICO

	Land	Marine
5 Contractors:	28* (27)*	0* (0)*
1 Government:	5* (5)*	0* (0)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	33* (32)*	0* (0)*

CENTRAL & SOUTH AMERICA

	Land	Marine
10 Contractors:	38 (42)	8 (7)
4 Governments:	13 (23)	0 (2)
0 Oil Companies:	0 (0)	0 (0)
Totals:	51 (65)	8 (9)

EUROPE

	Land	Marine
14 Contractors:	73 (59)	52 (40)
1 Government:	2 (5)	0 (0)
3 Oil Companies:	16 (16)	1 (0)
Totals:	91 (80)	53 (40)

MIDDLE EAST

	Land	Marine
9 Contractors:	29 (34)	1 (2)
3 Governments:	11 (11)	0 (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	40 (45)	1 (2)

AFRICA

	Land	Marine
8 Contractors:	46 (44)	5 (5)
2 Governments:	17 (1)	0 (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	63 (45)	5 (5)

FAR EAST

	Land	Marine
9 Contractors:	62 (62)	6 (5)
3 Governments:	6* (25)*	1* (1)*
1 Oil Company:	4 (3)	1 (1)
Totals:	72* (90)*	8* (7)*

SEPTEMBER TOTALS:

	Land Crews	Marine Vessels
United States:	323 (324)	49 (47)
Canada:	49 (66)	5 (5)
Mexico:	33* (32)*	0* (0)*
Central & South America:	51 (65)	8 (9)
Europe:	91 (80)	53 (40)
Middle East:	40 (45)	1 (2)
Africa:	63 (45)	5 (5)
Far East:	72* (90)*	8* (7)*
Totals:	722* (747)*	129* (115)*
Total Crews and Vessels:	851* (862)*	

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed in part by a grant from the International Association of Geophysical Contractors.

A8912-2

SEG news release

Society of Exploration Geophysicists

FOR IMMEDIATE RELEASE

Contact: David L. Yowell
or Sally Shank
(918) 493-3516

INTERNATIONAL SEISMIC CREW COUNT June 9, 1986

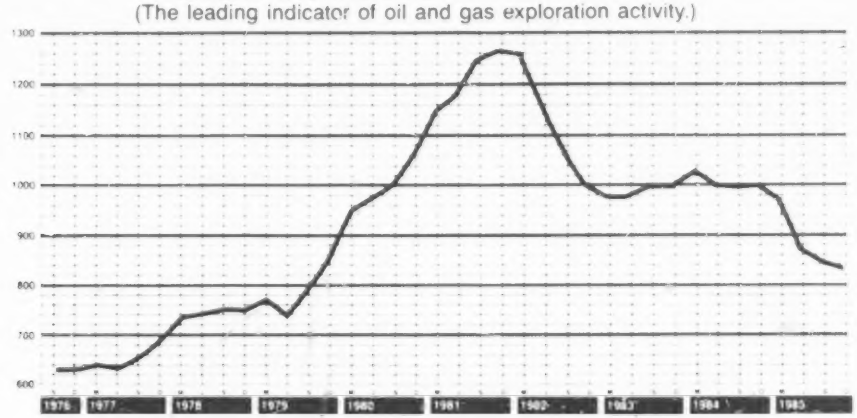
WORLDWIDE SEISMIC OIL AND GAS EXPLORATION CREW AND VESSEL TOTAL CONTINUES TO SHOW A DECREASE DURING THE FOURTH QUARTER OF 1985

Seismic exploration for oil and gas decreased for the fourth consecutive quarter with a total of 827 seismic land crews and marine vessels active. The number of land crews increased by one from the September total of 722, and the marine crew total decreased by fourteen for a net decrease of thirteen crews from the September total of 840* crews and vessels active. Gains were reported in Canada, Central & South America and the Far East.

The international survey reflects data reported on seismic oil exploration activity by 121 private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

*Revised total.

INTERNATIONAL SEISMIC CREW COUNT
(The leading indicator of oil and gas exploration activity.)



INTERNATIONAL SEISMIC CREW COUNT, DECEMBER, 1985

Geographically, seismic exploration for oil and gas during December 1985 was reported as follows (third quarter, September 1985, figures are shown in parentheses):

	UNITED STATES			CANADA	
	Land	Marine		Land	Marine
64 Contractors:	255 (290)	30 (43)	28 Contractors:	73 (46)	2 (5)
9 Oil Companies:	32 (33)	6 (6)	2 Oil Companies:	3 (3)	0 (0)
1 Government:	0 (0)	0 (0)			
Totals:	287 (323)	36 (49)	Totals:	76 (49)	2 (5)

(OVER)

MEXICO

	Land	Marine
4 Contractors:	27*(28)*	0*(0)*
1 Government:	5*(5)*	0*(0)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	32*(33)*	0*(0)*

CENTRAL & SOUTH AMERICA

	Land	Marine
10 Contractors:	42 (38)	7 (8)
4 Governments:	16 (13)	0 (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	58 (51)	7 (8)

EUROPE

	Land	Marine
14 Contractors:	65 (73)	38 (41)+
1 Government:	1 (2)	0 (0)
3 Oil Companies:	8 (16)	0 (1)+
Totals:	74 (91)	38 (42)+

MIDDLE EAST

	Land	Marine
6 Contractors:	27 (29)	3 (1)
2 Governments:	8 (11)	0 (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	35 (40)	3 (1)

AFRICA

	Land	Marine
9 Contractors:	44 (46)	7 (5)
2 Governments:	16 (17)	0 (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	60 (63)	7 (5)

FAR EAST

	Land	Marine
11 Contractors:	64 (62)	9 (6)
4 Governments:	34*(6)*	1*(1)*
1 Oil Company:	3 (4)	1 (1)
Totals:	101*(72)*	11*(8)*

DECEMBER TOTALS:

	Land Crews	Marine Vessels
United States:	287 (323)	36 (49)
Canada:	76 (49)	2 (5)
Mexico:	32* (33)*	0* (0)*
Central & South America:	58 (51)	7 (8)+
Europe:	74 (91)	38 (42)+
Middle East:	35 (40)	3 (1)
Africa:	60 (63)	7 (5)
Far East:	101* (72)*	11* (8)*
Totals:	723* (722)*	104* (118)*+
Total Crews and Vessels:	827* (840)*+	

+Revised totals.

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

---- ----------

SEG's International Seismic Crew Count is financed in part by a grant from the International Association of Geophysical Contractors.

BEST COPY AVAILABLE

A8612-2

SEG news release

Society of Exploration Geophysicists

FOR IMMEDIATE RELEASE September 5, 1986

Contact: David L. Yowell
or Sally Shank
(918) 493-3516

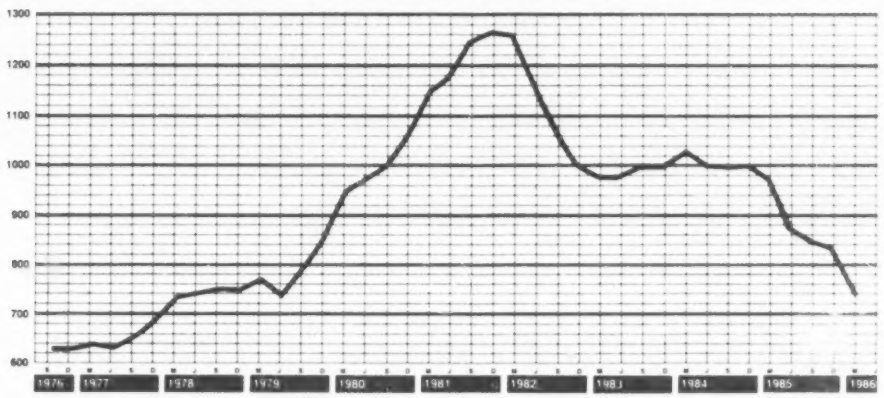
INTERNATIONAL SEISMIC CREW COUNT

WORLDWIDE SEISMIC OIL AND GAS EXPLORATION CREW AND VESSEL TOTAL
SHOWS SIGNIFICANT DECREASE DURING FIRST QUARTER OF 1986

Seismic exploration for oil and gas decreased for the fifth consecutive quarter with a total of 739 seismic land crews and marine vessels active. The number of land crews decreased by 69 from the December, 1985 total of 723, and the marine crew total decreased by 19 for a net decrease of 88 crews from the December total of 827 crews and vessels active. Gains were reported in Canada and Mexico.

The international survey reflects data reported on seismic oil exploration activity by 116 private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT
(The leading indicator of oil and gas exploration activity.)



INTERNATIONAL SEISMIC CREW COUNT, MARCH, 1986

Geographically, seismic exploration for oil and gas during March, 1986 was reported as follows (fourth quarter, December, 1985 figures are shown in parentheses):

	UNITED STATES			CANADA	
	Land	Marine		Land	Marine
57 Contractors:	185 (255)	23 (30)	29 Contractors:	96 (73)	0 (2)
8 Oil Companies:	27 (32)	5 (6)	2 Oil Companies:	4 (3)	0 (0)
1 Government:	0 (0)	0 (0)			
Totals:	212 (287)	28 (36)	Totals:	100 (76)	0 (2)

(OVER)

MEXICO

	Land	Marine
5 Contractors:	32*(27)*	0*(0)*
1 Government:	5*(5)*	0*(0)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	37*(32)*	0*(0)*

CENTRAL & SOUTH AMERICA

	Land	Marine
9 Contractors:	37 (42)	6 (7)
4 Governments:	15*(16)	0*(0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	52*(58)	6*(7)

EUROPE

	Land	Marine
13 Contractors:	59*(65)	29*(38)
1 Government:	2 (1)	0 (0)
3 Oil Companies:	16*(8)	0 (0)
Totals:	77*(74)	29*(38)

MIDDLE EAST

	Land	Marine
7 Contractors:	22 (27)	5 (3)
2 Governments:	8*(8)	0* (0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	30*(35)	5* (3)

AFRICA

	Land	Marine
8 Contractors:	39 (44)	6 (7)
2 Governments:	15*(16)	0*(0)
0 Oil Companies:	0 (0)	0 (0)
Totals:	54*(60)	6*(7)

FAR EAST

	Land	Marine
14 Contractors:	59*(64)	10*(9)
3 Governments:	33*(34)*	1*(1)*
0 Oil Companies:	0 (3)	0 (1)
Totals:	92*(101)*	11*(11)*

MARCH TOTALS:

	Land Crews	Marine Vessels
United States:	212 (287)	28 (36)
Canada:	100 (76)	0 (2)
Mexico:	37* (32)*	0* (0)*
Central & South America:	52* (58)	6* (7)
Europe:	77* (74)	29* (38)
Middle East:	30* (35)	5* (3)
Africa:	54* (60)	6* (7)
Far East:	92* (101)*	11* (11)*
Totals:	654* (723)*	85* (104)*
Total Crews and Vessels:	739* (827)*	

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed in part by a grant from the International Association of Geophysical Contractors.